

| Ref # | Hits    | Search Query        | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---------------------|---|------------------|---------|------------------|
| L1    | 32      | 715/532.CCLS.       | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L2    | 69      | 704/10.CCLS.        | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L3    | 51      | 706/16.CCLS.        | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L4    | 40      | 706/21.CCLS.        | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L5    | 1322    | 707/100.CCLS.       | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L6    | 88      | L3 xor L4 L3 and L4 | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L7    | 98      | L1 xor L2 L1 and L2 | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L8    | 186     | L6 xor L7 L6 and L7 | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L9    | 1507    | L8 xor L5 L8 and L5 | US-PGPUB  | OR               | ON      | 2005/02/23 16:48 |
| L10   | 4053663 | requir\$5           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 16:48 |
| L11   | 2724958 | necess\$5           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 16:48 |
| L12   | 4891174 | L10 L11             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 16:48 |
| L13   | 3030246 | need\$5             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 16:48 |
| L14   | 1465023 | essential\$2        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 16:48 |
| L15   | 39393   | indispensabl\$2     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 16:48 |
| L16   | 5979874 | L12 L13 L14 L15     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 16:48 |
| L17   | 0       | L16 and L9          | USPAT   | OR               | ON      | 2005/02/23 16:50 |

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|-----|---------|--|---|----|----|------------------|
| L18 | 6954034 | (sum\$7 total\$5 accumulat\$4<br>aggregat\$4 add\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 16:50 |
| L19 | 0       | L18 and L9   | USPAT   | OR | ON | 2005/02/23 16:50 |
| L20 | 5743886 | differ\$5 remain\$4 subtra\$6<br>minu\$4             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 16:50 |
| L21 | 0       | L20 and L9   | USPAT   | OR | ON | 2005/02/23 16:50 |
| L22 | 30502   | keyword\$1 (key adj word\$1)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 16:50 |
| L23 | 0       | L22 and L9   | USPAT   | OR | ON | 2005/02/23 16:52 |
| L24 | 0       | 9 and dictionar\$3                                   | USPAT   | OR | ON | 2005/02/23 16:52 |

| Ref # | Hits | Search Query                  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-------------------------------|-------|------------------|---------|------------------|
| S113  | 2    | ("6,076,082" "6,327,583").pn. | USPAT | OR               | ON      | 2005/02/23 15:09 |

| Ref # | Hits    | Search Query    | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|-----------------|---|------------------|---------|------------------|
| L1    | 32      | 715/532.CCLS.   | US-PGPUB  | OR               | ON      | 2005/02/23 14:37 |
| L2    | 0       | 74/10.CCLS.     | US-PGPUB  | OR               | ON      | 2005/02/23 14:37 |
| L3    | 69      | 704/10.CCLS.    | US-PGPUB  | OR               | ON      | 2005/02/23 14:37 |
| L4    | 51      | 706/16.CCLS.    | US-PGPUB  | OR               | ON      | 2005/02/23 14:37 |
| L5    | 40      | 706/21.CCLS.    | US-PGPUB  | OR               | ON      | 2005/02/23 14:38 |
| L6    | 1322    | 707/100.CCLS.   | US-PGPUB  | OR               | ON      | 2005/02/23 14:38 |
| L7    | 88      | 4 xor 5 4 and 5 | US-PGPUB  | OR               | ON      | 2005/02/23 14:39 |
| L8    | 98      | 1 xor 3 1 and 3 | US-PGPUB  | OR               | ON      | 2005/02/23 14:39 |
| L9    | 186     | 7 xor 8 7 and 8 | US-PGPUB  | OR               | ON      | 2005/02/23 14:40 |
| L10   | 1507    | 9 xor 6 9 and 6 | US-PGPUB  | OR               | ON      | 2005/02/23 14:40 |
| L11   | 4053663 | requir\$5       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 14:40 |
| L12   | 2724958 | necess\$5       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 14:40 |
| L13   | 796     | no\$2requir\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 14:40 |
| L14   | 372     | no\$2necess\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 14:40 |
| L15   | 3079    | un\$1requir\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 14:40 |
| L16   | 467941  | un\$1necess\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 14:40 |
| L17   | 471688  | L13 L14 L15 L16 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 14:40 |

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|-----|---------|--|---|----|----|------------------|
| L18 | 4891174 | L11 L12  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:40 |
| L19 | 318     | no\$2need\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:40 |
| L20 | 19203   | no\$2essential\$2                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:40 |
| L21 | 1506    | 10 and @ad>="19950904"                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:58 |
| L22 | 6954034 | (sum\$7 total\$5 accumulat\$4<br>aggregat\$4 add\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L23 | 3030246 | need\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L24 | 1465023 | essential\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L25 | 39393   | indispensabl\$2                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L26 | 5979874 | L18 L23 L24 L25                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L27 | 7909    | un\$1need\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |

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|-----|---------|--|---|----|----|------------------|
| L28 | 635     | un\$1essential\$2                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L29 | 8       | no\$2indispensabl\$2                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L30 | 495977  | L17 L27 L19 L28 L20 L29                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L31 | 5743886 | differ\$5 remain\$4 subtra\$6<br>minu\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L32 | 326204  | L22 adj3 L26                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L33 | 8486    | L22 adj3 L30                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L34 | 30502   | keyword\$1 (key adj word\$1)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L35 | 1784    | L32 and L33                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L36 | 24      | L35 and L31 and L34                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| L37 | 0       | 21 and L36                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 14:43 |
| S75 | 1       | "20020099676".DID.                       | US-PGPUB  | OR | ON | 2005/02/23 14:37 |

| Ref # | Hits    | Search Query             | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--------------------------|---|------------------|---------|------------------|
| L1    | 1       | "05128153".pn.           | JPO   | OR               | ON      | 2005/02/23 10:41 |
| L2    | 64      | tajima-toshiyuki.in.     | JPO   | OR               | ON      | 2005/02/23 10:41 |
| L3    | 0       | toshiyuki-tajima.in.     | JPO   | OR               | ON      | 2005/02/23 10:41 |
| L4    | 1200156 | "29" and @ad<="19950904" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |
| L5    | 4053663 | requir\$5                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |
| L6    | 2724958 | necess\$5                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |
| L7    | 796     | no\$2requir\$5           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |
| L8    | 372     | no\$2necess\$5           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |
| L9    | 3079    | un\$1requir\$5           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |
| L10   | 467941  | un\$1necess\$5           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |
| L11   | 471688  | L7 L8 L9 L10             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |
| L12   | 4891174 | L5 L6                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 10:45 |

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|-----|---------|--|---|----|----|------------------|
| L13 | 6954034 | (sum\$7 total\$5 accumul\$4<br>aggregat\$4 add\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L14 | 3030246 | need\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L15 | 1465023 | essential\$2                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L16 | 39393   | indispensabl\$2                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L17 | 5979874 | L12 L14 L15 L16                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L18 | 7909    | un\$1need\$5                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L19 | 318     | no\$2need\$5                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L20 | 635     | un\$1essential\$2                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L21 | 19203   | no\$2essential\$2                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L22 | 8       | no\$2indispensabl\$2                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |



|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| L23 | 495977  | L11 L18 L19 L20 L21 L22                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L24 | 5743886 | differ\$5 remain\$4 subtra\$6<br>minu\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L25 | 326204  | L13 adj3 L17                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L26 | 8486    | L13 adj3 L23                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L27 | 376     | L25 same L26                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:05 |
| L28 | 52      | L27 same L24                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 10:45 |
| L29 | 28      | L28 and @ad<="19950904"                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:03 |
| L30 | 30502   | keyword\$1 (key adj word\$1)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:02 |
| L31 | 3       | 27 and L30                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:02 |
| L32 | 0       | 31 and @ad<="19950904"                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:04 |

|     |      |                        |   |    |    |                  |
|-----|------|------------------------|---|----|----|------------------|
| L33 | 322  | 27 not 28 not 31       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:04 |
| L34 | 154  | 33 and @ad<="19950904" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:07 |
| L35 | 1784 | L25 and L26            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:06 |
| L36 | 24   | 35 and 24 and 30       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:06 |
| L37 | 1    | 36 and @ad<="19950904" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 11:07 |

| Ref # | Hits    | Search Query    | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|-----------------|---|------------------|---------|------------------|
| L1    | 4053663 | requir\$5       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:12 |
| L2    | 2724958 | necess\$5       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:12 |
| L3    | 316     | non\$1necess\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:07 |
| L4    | 702     | non\$1requir\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:07 |
| L5    | 796     | no\$2requir\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:07 |
| L6    | 372     | no\$2necess\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:07 |
| L7    | 3079    | un\$1requir\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:07 |
| L8    | 467941  | un\$1necess\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:08 |
| L9    | 471688  | 5 6 7 8         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/23 08:08 |

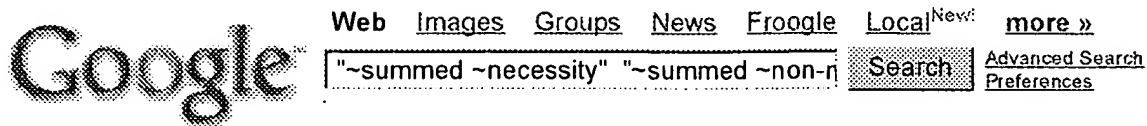
|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| L10 | 4891174 | 1 2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:08 |
| L11 | 6954034 | (sum\$7 total\$5 accumulats\$4<br>aggregat\$4 add\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:09 |
| L12 | 30502   | keyword\$1 (key adj word\$1)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:11 |
| L13 | 3030246 | need\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:14 |
| L14 | 1465023 | essential\$2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:14 |
| L15 | 39393   | indispensabl\$2                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:14 |
| L16 | 5979874 | 10 13 14 15   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:13 |
| L17 | 7909    | un\$1need\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:14 |
| L18 | 318     | no\$2need\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:14 |
| L19 | 635     | un\$1essential\$2                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:14 |

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|-----|---------|--|---|----|----|------------------|
| L20 | 19203   | no\$2essential\$2                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:14 |
| L21 | 0       | un\$1indispensabl\$2                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:14 |
| L22 | 8       | no\$2indispensabl\$2                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:22 |
| L23 | 495977  | 9 17 18 19 20 22                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:23 |
| L24 | 5743886 | differ\$5 remain\$4 subtra\$6<br>minu\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:26 |
| L25 | 326204  | 11 adj3 16                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:26 |
| L26 | 8486    | 11 adj3 23                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:33 |
| L27 | 376     | 25 same 26                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:37 |
| L28 | 1       | 27 same 12                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:38 |
| L29 | 52      | 27 same 24                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:36 |

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| L30 | 1    | 29 and 12              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:37 |
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| L32 | 27   | 31 and 12              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:40 |
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| L34 | 5458 | 12 same 24             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:39 |
| L35 | 2    | 31 and 34              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:40 |
| L36 | 1    | 33 and @ad<="19950904" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:51 |
| L37 | 0    | 35 and @ad<="19950904" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/23 08:51 |

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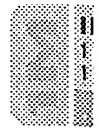
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